Helminthological Abstracts

Volume 59

Prepared by

C·A·B INTERNATIONAL
BUREAU OF ANIMAL HEALTH

1990

ISSN 0957–6789

© C·A·B International, 1991

All rights reserved. No part of this publication may be reproduced in any form or by any means, electronically, mechanically, by photocopying, recording or otherwise, without the prior permission of the copyright owner.

published by

C·A·B International
Wallingford
Oxon OX10 8DE UK

The information contained herein, including any expression of opinion and any projection or forecast, has been obtained from or is based upon sources believed by us to be reliable but is not guaranteed as to accuracy or completeness. The information is supplied without obligation and on the understanding that any person who acts upon it or otherwise changes his/her position in reliance thereon does so entirely at his/her own risk.

printed by

Unwin Brothers Ltd, The Gresham Press, Old Woking, Surrey, UK
A Member of the Martins Printing Group

C·A·B INTERNATIONAL INSTITUTE OF PARASITOLOGY

395a Hatfield Road, St. Albans, Herts AL4 OXU, UK
Director: Dr R.L.J. Muller PhD FIBiol
Consultant Directors: Professor G. Webbe DSc MSc FIBiol
Dr N.G.M. Hague PhD

Telephone: St Albans (0727) 33151
Telecom Gold/Dialcom: 84: CAU011
Telex: 9312102254 IP G

SCIENTIFIC SERVICES

Identification services
C:A:B International Institute of Parasitology (CIP) provides an identification service for helminth parasites of animals and man, and plant parasitic and entomophilic nematodes.

Division of Helminth Taxonomy:
L.F. Khalil PhD, FIBiol.
L.M. Gibbons PhD
A. Jones PhD

Division of Plant Nematode Taxonomy:
M.R. Siddiqi PhD DSc FLS FIBiol
D.J. Hunt PhD FRES
J. Nobbs PhD

Onchocerciasis Research Unit
The Onchocerciasis Research Unit is funded by (1) the World Health Organisation to work on drug discovery and development as part of a major programme to produce new drugs for the safe and effective treatment of human onchocerciasis (River Blindness), and (2) the Edna McConnell Clark Foundation to develop a vaccine to prevent infection with *Onchocerca*.

S. Townson MSc, PhD
A.R. Dobinson HNC
J. Siemienska MSc
J. Townsend BSc
M. Taylor BSc
R. van Es BSc
K.E. Shay MSc
S. Tagboto MSc, MD.

Tropical Plant Nematology Advisory and Research Unit
The unit gives practical advice on plant–parasitic nematode problems and their control, and undertake research contracts both overseas and at the Institute.

J.Bridge PhD
S.L.J. Page PhD
R.A. Plowright PhD

Collections
CIP houses extensive reference collections of both animal helminths and plant–parasitic nematodes, the collections of several eminent helminthologists, and is the WHO Collaborating Centre for the Filarioidea. It is also a recognised repository for type specimens.

Books
Latest titles: Siddiqi, M.R. 1986 Tylenchida; Parasites and Insects 645pp. 166 illus. ISBN 0 85198 554 8
Gibbons, L.M. 1986 SEM Guide to Morphology of Nematode Parasites of Vertebrates 200 pp. 443 illus. ISBN 0 85198 569 6
Jepson S.B. 1987 Identification of Root–Knot Nematodes (*Meloidogyne* species) x + 265pp. inc. illus. & figs. ISBN 0 85198 556 4
Muller, R. & Horsburgh, R.C.R. 1987 Bibliography of Onchocerciasis (1841–1985) 468pp. ISBN 0 85198 604 8

Training Courses
Six–week intensive international training courses on animal helminth parasites and plant–parasitic nematodes are held in alternate years.

LIBRARY SERVICES

Computerized Information Retrieval
Searches undertaken on relevant databases.

Document delivery
Photocopies of publications abstracted by CABI supplied.

Annotated Bibliographies
Current list available and new compilations undertaken on request.
For further information contact B. Pedersen BA.

Helminthological Abstracts

Content

Volume 5

Animal hosts	1	43	81	129	175	227	267	325	365	409	469	51
Man	1	43	81	129	175	227	267	325	365	409	469	51
Other primates	–	47	86	132	–	230	270	–	367	413	–	
Equines	3	47	86	–	178	–	270	328	368	413	472	52
Ruminants	3	47	87	132	178	230	270	328	368	414	472	52
Pigs	4	48	87	133	179	231	271	329	369	415	472	52
Carnivores	5	48	87	134	180	231	271	330	369	415	473	52
Rodents, Insectivores and Lagomorphs	5	49	–	135	180	232	272	330	370	416	474	52
Marine mammals	6	49	–	135	–	–	–	330	–	417	–	52
Other mammals	–	50	–	135	–	232	273	–	370	417	474	
Birds	6	50	88	135	180	232	273	331	370	417	474	52
Reptiles	7	50	89	–	181	232	273	331	371	417	–	52
Amphibians	7	–	–	136	–	232	273	–	–	418	475	52
Fish	7	50	89	136	181	232	274	331	371	418	475	52
Invertebrates	–	51	90	136	182	–	274	331	372	421	475	52
Mixed groups	8	51	–	136	–	–	274	332	372	–	475	53
General reviews	8	–	–	–	182	233	–	332	–	–	476	53
Economic aspects	8	52	90	137	–	233	–	332	–	–	–	53
Associations	9	–	90	137	–	233	275	333	373	421	476	53
Morphology, taxonomy and nomenclature	9	52	91	137	183	234	275	333	373	421	476	53
Monogenea	9	52	91	137	183	234	275	333	–	421	476	53
Aspidobothria	–	–	–	–	–	–	276	–	373	–	–	
Digenea	9	52	91	137	183	234	276	333	373	422	477	53
Cestoda	–	53	92	138	185	234	277	335	375	423	480	53
Acanthocephala	–	54	93	138	187	–	279	335	376	–	482	53
Nematoda	11	54	–	139	187	235	279	335	376	424	482	53
Nematomorpha	–	–	–	–	–	–	–	337	–	–	484	
Miscellaneous	12	–	–	139	188	–	281	–	–	425	–	
Immunobiology	12	55	94	139	188	236	281	337	377	425	485	53
General	12	55	94	139	188	236	281	337	377	425	485	53
Antigens and Immune Responses	12	55	95	140	188	236	282	337	378	425	485	53
Immunodiagnosis	15	58	99	144	191	241	287	340	381	430	489	54
Immunity and Resistance	15	59	100	146	193	242	290	341	382	433	491	54
Vaccination	16	60	101	147	194	242	292	342	383	434	491	54
Immunopathology	17	60	102	147	195	244	293	343	384	435	492	54
Pathology	17	61	102	148	196	244	294	343	385	436	493	54
General	17	61	102	148	196	244	294	343	385	436	493	54
Pathogenesis and Pathogenicity	19	64	103	149	198	246	297	345	387	438	495	54
Haematology	19	65	104	150	199	–	298	–	388	439	496	54